Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 08 Sep 2023 until 23:59 on Saturday 09 Sep 2023

Forecast Issued on Friday 08 Sep 2023 at 03:01

Confidence: High for trend from fine and very warm conditions to something more changeable and typically seasonal over the five days. Low for thundery shower and then rain detail.

Headline for Friday 08 Sep 2023: Fine with hazy sunshine. Outside chance of isolated thundery showers.

Mountain weather hazards on Friday 08 Sep 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Sunny	Sunny	Sunny	Clear night	Partly cloudy (night)
Precipitation probability					
10%	20%	20%	20%	10%	00%

Forecast for Friday 08 Sep 2023

Weather: A fine start with early valley fog soon clearing after daybreak. Another very warm day will develop, with areas of high cloud and haze as well as sunny periods expected, with little heat relief expected from the wind, which should be light throughout. Medium-level cloud carries the chance of producing the odd rumble of thunder and perhaps an outside chance of a heavy shower later on, although the emphasis is on the dry. Keeping abreast of the forecast is advised in this respect.

Chance of cloud-free hill tops above 600m: Near 100%.

Low cloud and visibility: Areas of low cloud below 300 metres in the east, as well as more general valley mist and fog soon clearing, but general haziness of recent days persisting.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Friday 08 Sep 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/9 SW	5/7 W	6/9 W	7/10 W	6/9 W	7/10 SW	6/9 SW
300	3/4 SE	3/4 W	5/7 W	5/8 W	5/8 W	4/6 SW	3/5 W
Valley	2/3 SE	1/2 SW	3/6 W	4/8 W	3/8 W	3/6 W	1/5 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/18	20/20	21/21	22/22	20/21	18/18	18/18
300	19/20	21/22	23/24	24/25	23/24	20/21	19/20
Valley	17/18	21/23	24/25	25/26	23/25	20/22	19/20
Freezing Level*	3400m	3400m	3400m	3500m	3500m	3400m	3400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Light winds are more liable to be upslope in the heat of the day, changing to downslope early and late.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 08 Sep 2023	0mm	0mm	0mm

Forecast for Saturday 09 Sep 2023

Weather: Low confidence in detail surrounding heavy and potentially thundery showers. Probably another fine and very warm start, with further hazy sunny periods. Becoming more generally cloudy with time, this then perhaps producing thundery downpours, both imported from the south and perhaps home-grown later.

Maximum wind: Southwesterly 15mph.

Chance of cloud-free hill tops above 600m: Near 100%.

Low cloud and visibility: Similar to recent days, a lot of haziness, perhaps cleared to some degree should showers materialise later. Early low cloud below 300 metres in the east soon dispersing.

Temperature: **Valleys:** Plus 14 becoming 27 degrees Celsius.
At 600m: Plus 19 degrees Celsius.
Freezing level: Well above the peaks.

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